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PTO/SB/01 (11_00)

Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

02/12/02
914 U.S. PTO

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. BP 2108

First Inventor Harry Contopanagos

Title ON-CHIP INDUCTOR HAVING IMPROVED

Express Mail Label No. EV053322458US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g. PTO/SB/17)
(submit an original and a duplicate for fee processing)
Applicant claims small entity status.
See 37 CFR 1.27.
2.
3. Specification [Total Pages 19]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Pages 8]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
 - b. *(for continuation/divisional with Box 18 completed)*
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. CD-ROM or CD-R (2 copies); or

ii. paper

c. Statements verifying identity of above copies

10/074293 P10
JC997 U.S.

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s)) ✓
10. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
16. Request and Certification under 35 U.S.C. 122
(if foreign priority is claimed)
17. (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
 Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner: Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label insert customer no. or attach bar code label here or Correspondence address below

| | | | | | |
|---------|---------------------|-----------|----------------|----------|----------------|
| Name | Timothy W. Markison | | | | |
| Address | P.O. Box 160727 | | | | |
| City | Austin | State | TX | Zip Code | 78716-0727 |
| Country | USA | Telephone | (512) 342-0612 | FAX | (512) 342-1674 |

| | | | |
|-------------------|----------------------|-------------------------------|---------|
| Name (Print/Type) | Timothy W. Markison | Registration No. (Atty/Agent) | 33,534 |
| Signature | <i>T.W. Markison</i> | Date | 2/12/02 |

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1212.00)

Complete if Known

| | | |
|----------------------|---------|--------------|
| Application Number | | |
| Filing Date | | |
| First Named Inventor | Harry | Contopanagos |
| Examiner Name | | |
| Group Art Unit | | |
| Atty Docket No. | BP 2108 | |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number Deposit Account Name

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Fee Description | Fee Paid |
|------------------------|----------|
| Utility filing fee | 740.00 |
| Design filing fee | |
| Plant filing fee | |
| Reissue filing fee | |
| Provisional filing fee | |

SUBTOTAL(1) (\$ 740.00)

2. EXTRA CLAIM FEES

| Fee From Below | Fee Description |
|--|-----------------|
| Extra Claims | Fee Paid |
| Total Claims 30 -20** 10 X 18 = 180.00 | |
| Independent 6 -3** 3 X 84 = 252.00 | |
| Multiple Dependent <input type="text"/> = <input type="text"/> | |

Fee Description

Claims in excess of 20

Independent claims in excess of 3

**Reissue independent claims
over original patent**Reissue claims in excess of 20
and over original patent

SUBTOTAL (2) (\$ 432.00)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description

Surcharge-late filing fee or oath

Surcharge- late provisional filing fee or
or cover sheet

Non-english specifications

For filing a request for ex parte reexamination

Requesting publication of SIR prior to
Examiner actionRequesting publication of SIR after
Examiner action

Extension for reply within first month

Extension for reply within second month

Extension for reply within third month

Extension for reply within fourth month

Extension for reply within fifth month

Notice of Appeal

Filing a brief in support of appeal

Request for oral hearing

Petition to institute a public use proceeding

Petition to revive - unavoidable

Petition to revive unintentional

Utility Issue Fee (or reissue)

Design Issue Fee

Plant Issue Fee

Petitions to the Commissioner

Processing fee under 37 CFR 1.17(q)

Submissions of Information Disclosure Stmt

Recording each patent assignment per
property (times number of properties)

\$40.00

Filing a submission after final rejection
(37 CFR 1.129(a))For each additional invention to be
examined (37 CFR 1.129(b))

Request for Continued Examination (RCE)

Request for expedited Examination of design applicat

Other fee (specify)

Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$40.00

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---------------------|--------------------------------------|--------|-----------|----------------|
| Name (Print Type) | Timothy W. Markison | Registration No. (Attorney Agent) | 33.534 | Telephone | (512) 342-0612 |
| Signature | <i>Tim Markison</i> | | | Date | 2/12/02 |

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Certificate Under 37 C.F.R. § 3.73(b)

Applicants: **Harry Contopanagos, Christos Komninakis, and Sissy Hyriazidou**

Application No.: _____

Filing Date: _____

Entitled: ON-CHIP INDUCTOR HAVING IMPROVED QUALITY FACTOR AND METHOD OF MANUFACTURE THEREOF

Broadcom Corporation

(Name of Assignee)

California Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest, or
2. an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: February 8, 2002

Name: William J. Ruehle

Title: Vice President and Chief Financial Officer

Signature: W. J. Ruehle